

**BRUHATH BENGALURU MAHANAGARA PALIKE**  
Yelahanka Division, Yelahanka Zone

Executive Engineer  
Yelahanka Division  
B.B.M.P. Bengaluru - 64

NO:BBMP/EE/YNK.D/EPMT-15/2019-20 Dt:13-1-2020

**APPROVED TENDER SCHEDULE - 'B'**

Package-1

Name of Work :-Improvements to roads and drains at Ayyappa swamy layout, Bharath gowda layout  
,and Providing Grill work at BB road in ward no -01 of yelahanka Sub division (PACKAGE - 01)

| Sl | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unit | Approved Qty | Rate quoted by the contractor<br>approved rates<br>Sri.RAMESH Y B |                                                             |
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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |              | Rate                                                              | Rate in Words                                               |
| 1  | KSRRB 300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH Chapter 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sqm  | 2100.54      | 217.98                                                            | Two Hundred Seventeen Paise NinetyEight Only                |
| 2  | KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC 220kgs, with 40mm and down size graded granite metal coarse aggregates 0.892cum and fine aggregates 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all material labou, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2                                                                                                                                                                                                                                                                                                                     | M    | 324.80       | 5780.92                                                           | Five Thousand Seven Hundred Eighty Paise NinetyTwo Only     |
| 3  | KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC 320kgs, with 20mm and down size graded granite metal coarse aggregates 0.69cum and fine aggretes 0.460 cum, with super plasticisers 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.Specification No. KBS 4.1, 4.6 | Cum  | 556.41       | 6298.47                                                           | Six Thousand Two Hundred NinetyEight Paise FourtySeven Only |

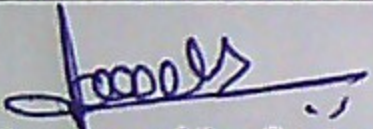
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|   | SRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2                                                                                                                            | Cum | 4202.40 | 398.45   | Three Hundred NinetyEight Paise FourtyFive Only                  |
| 5 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work TMT bars Fe500 including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 | T   | 33.59   | 78985.16 | SeventyEight Thousand Nine Hundred EightyFive Paise Sixteen Only |
| 6 | KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 - do - cement mortar 1:6 KBS 5.1.13                                                                                                               | Cum | 40.68   | 5115.35  | Five Thousand One Hundred Fifteen Paise ThirtyFive Only          |
| 7 | KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC 240kgs, with 20mm and down size graded granite metal coarse aggregates 0.878 cum and fine aggretes 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2                    | sqm | 16.48   | 6034.69  | Six Thousand ThirtyFour Paise SixtyNine Only                     |
| 8 | Providing precast slab of 100 mm thick including cost of all materials, labour, curing, transportation, loading ,unloading,etc.,complete as per the direction of engineer in charge Data Rate                                                                                                                                                                                                                                                                    | Sqm | 1542.00 | 2453.85  | Two Thousand Four Hundred FiftyThree Paise EightyFive Only       |

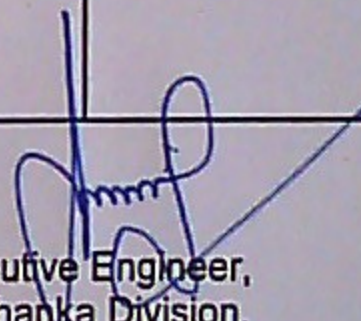
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|    | providing precast slab of 250 mm thick including cost of all materials, labour, curing, transportation, loading, unloading, etc., complete as per the direction of engineer in charge Data Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Nos | 31.20  | 5688.90 | Five Thousand Six Hundred EightyEight Paise Ninety Only |
| 10 | Fabrication, providing and erecting in position Hot dip galvanised Grill using 72 x 72 x 4mm Sq. GI Pipe frame with top pipe bending in heavy hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised Sq. rod for verticals at 150mm c/c, as shown in the drawing including providing ho dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 72x12mm and 50x6mm arch bent to hot dip galvanised flats the work is inclusive of troughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq rods, GI gorged designs etc., heavy duty hinges are made out of 75mm solid sq block assembled with 20mm dia bearing in three places for each flop. Heavy duty locking arrangements at two places including cost of labour, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the engineer-in- | Sqm | 378.60 | 9601.20 | Nine Thousand Six Hundred One Paise Twenty Only         |
| 11 | Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift. transportation etc., complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cum | 700.00 | 454.10  | Four Hundred FiftyFour Paise Ten Only                   |

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|    | KSRRB 14.6 : Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and coarse sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS | sqm | 151.88  | 1171.99 | One Thousand One Hundred SeventyOne Paise NinetyNine Only  |
| 13 | Supply, Fabrication, Painting and Fixing of Pre-Cast Bollards for Footpath and Property edge/ Medians etc and any other items as specified in drawings or as approved by Engineer Incharge. (Data Rate)                                                                                                                                                                                                                                                                                                                                                                                       |     | 8.00    | 1302.00 | One Thousand Three Hundred Two Only                        |
| 14 | KSRRB M300-18. Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately complete as per specifications. (P.No 150 of I.No.19.97 of PWD BCSR 2018-19)                                                                                                                                                   |     | 6.00    | 7999.13 | Seven Thousand Nine Hundred NinetyNine Paise Thirteen Only |
| 15 | KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301                                                                                                                                                                                                                                                      |     | 391.20  | 45.63   | FourtyFive Paise SixtyThree Only                           |
| 16 | KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3                                                                                                                                                                                                                                                                                                                                                                                   |     | 1184.00 | 6.68    | Six Paise SixtyEight Only                                  |

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|    | Construction of granular sub-base Grading V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 177.60 | 2094.67 | Two Thousand NinetyFour Paise SixtySeven Only |
| 18 | KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. |  | 195.60 | 4079.15 | Four Thousand SeventyNine Paise Fifteen Only  |

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| Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum, Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rammers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermeable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all | 195.60 | 5471.51 | Five Thousand Four Hundred SeventyOne Paise FiftyOne Only |
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Signature of the Contractor

  
Executive Engineer,  
Yelahanka Division,  
BBMP, Bengaluru-64.